

WHAT IS CLAIMED IS:

1. A reflective cholesteric liquid crystal (CLC) display device, comprising:
 - a first substrate;
 - an absorption layer on the first substrate;
 - a cholesteric liquid crystal (CLC) color filter on the absorption layer;
 - a reflection layer on the absorption layer, the reflection layer reflecting light in a range of wavelengths;
 - a first electrode on the cholesteric liquid crystal (CLC) color filter;
 - a second substrate spaced apart from and over the first substrate;
 - a second electrode beneath the second substrate;
 - a retardation layer on the second substrate;
 - a polarizer on the retardation layer; and
 - a liquid crystal layer between the first electrode and the second electrode.
2. The device according to claim 1, wherein the reflection layer may contact the cholesteric liquid crystal (CLC) color filter laterally.
3. The device according to claim 2, wherein the reflection layer may be formed of cholesteric liquid crystal (CLC) polarizer.
4. The device according to claim 1, wherein the reflection layer is interposed between portions of the cholesteric liquid crystal (CLC) color filter.
5. The device according to claim 1, wherein the reflection layer may be formed

on a whole area of the first substrate in which the cholesteric liquid crystal (CLC) color filter is formed.

6. The device according to claim 5, wherein the reflection layer may be formed of cholesteric liquid crystal (CLC) polarizer.

7. The device according to claim 5, wherein the cholesteric liquid crystal (CLC) color filter has at least two layers that display a same color corresponding to each pixel region, the at least two layers each reflecting light in a different range of wavelengths.

8. The device according to claim 5, wherein the reflection layer is partially transmissive.

9. The device according to claim 1, wherein the range of wavelengths is the spectrum of visible light.

10. The device according to claim 1, wherein the range of wavelengths is a subset of the spectrum of visible light.

11. The device according to claim 1, wherein the range of wavelengths includes at least two colors.

12. The device according to claim 1, wherein the range of wavelengths is a range of wavelengths of ambient light.

13. A method of manufacturing a reflective cholesteric liquid crystal (CLC) display device, comprising:

- preparing a first substrate;
- forming an absorption layer on the first substrate;
- forming a cholesteric liquid crystal (CLC) color filter on the absorption layer;
- forming a reflection layer on the absorption layer, the reflection layer capable of reflecting light in a range of wavelengths;
- forming a first electrode on the cholesteric liquid crystal (CLC) color filter and on the reflection layer;
- preparing a second substrate;
- forming a second electrode on the second substrate;
- disposing the first substrate and the second substrate so that the first electrode and the second electrode face each other;
- injecting liquid crystal between the first electrode and the second electrode; and
- forming a retardation layer on the second substrate and a polarizer on the retardation layer.

14. The method according to claim 13, wherein the reflection layer may contact the cholesteric liquid crystal (CLC) color filter laterally.

15. The method according to claim 14, wherein the reflection layer may be formed of cholesteric liquid crystal (CLC) polarizer.

16. The method according to claim 13, wherein the reflection layer is interposed between portions of the cholesteric liquid crystal (CLC) color filter.

17. The method according to claim 13, wherein the reflection layer may be formed on a whole area of the first substrate in which the cholesteric liquid crystal (CLC) color filter is formed.

18. The method according to claim 17, wherein the reflection layer is partially transmissive.

19. The method according to claim 17, wherein the reflection layer may be formed of cholesteric liquid crystal (CLC) polarizer.

20. The method according to claim 13, wherein the cholesteric liquid crystal (CLC) color filter has at least two layers that display a same color corresponding to each pixel region, the at least two layers each reflecting light in a different range of wavelength.

21. The method according to claim 13, wherein the range of wavelengths is the spectrum of visible light.

22. The method according to claim 13, wherein the range of wavelengths is a subset of the spectrum of visible light.

23. The method according to claim 13, wherein the range of wavelengths includes at least two colors.

24. The method according to claim 13, wherein the range of wavelengths is a

range of wavelengths of ambient light.